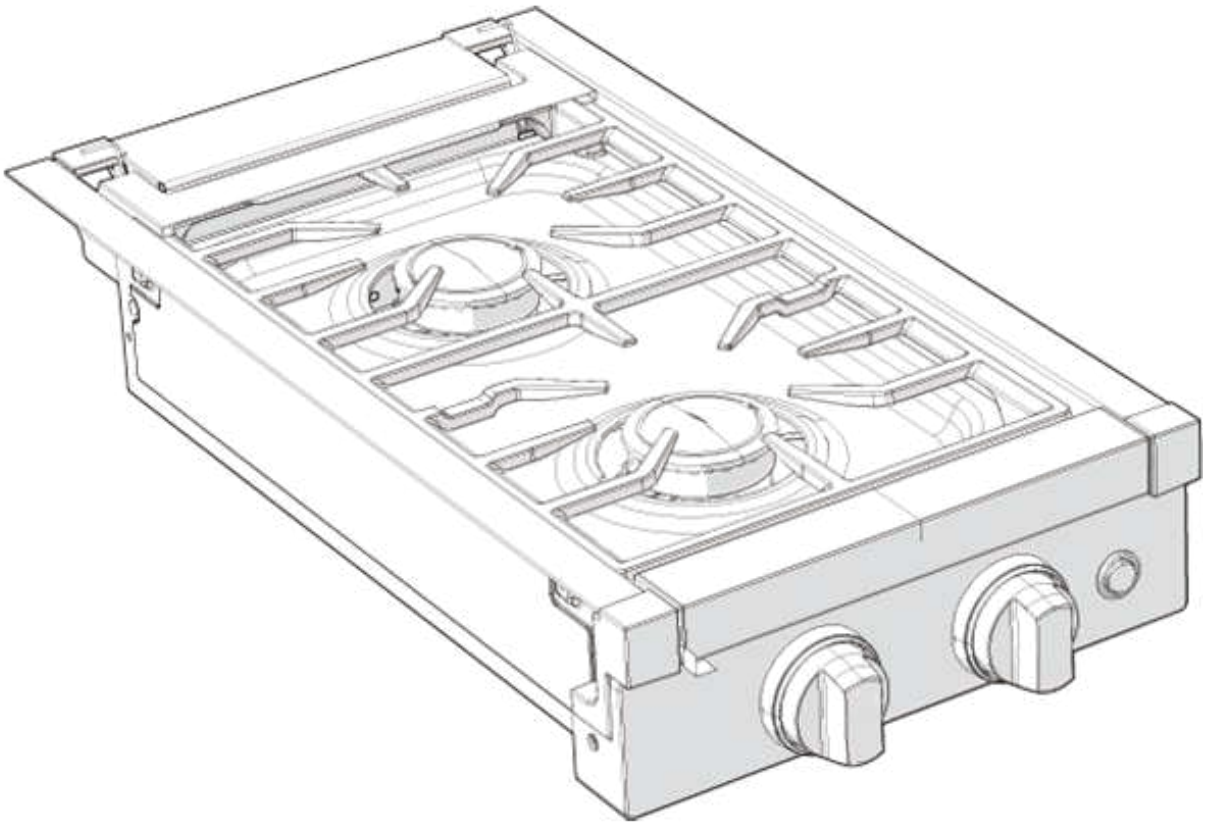
Greystone
BY FURRION

12" 2-BURNER GAS COOKTOP WITH FFD, BIFOLD GLASS AND CAST IRON GRATES

MODEL (LIPPERT PN)
GGH12D2MA1B-BL (2023045680)

TROUBLESHOOTING AND SERVICE MANUAL



* Picture shown here is for reference only.

This manual contains the product's basic information, safety, maintenance, replaceable parts, fault diagnosis and basic troubleshooting procedures.

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Introduction

This document provides an overview on replaceable parts for Furrion®/Greystone® 12" 2-Burner Gas Cooktop with FFD, Bifold Glass and Cast Iron Grates, as well as basic troubleshooting and service information. Please keep this user manual in a safe place for future reference. This will ensure safe use and reduce the risk of injury. Be sure to pass on this manual to new owners of this product.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ. For more detailed operation, including general safety instructions, warnings and cautions, see Instruction Manual at: https://support.lci1.com/documents/ccd-0008143 or scan this QR code:

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

⚠WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

⚠WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

⚠CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

Safety Precautions

⚠WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

Do NOT store or use gasoline or other flammable vapors or liquids near this or any appliance.

What to do if you smell gas:

- Do NOT try and light any appliance.
- Do NOT touch any electrical switch.
- Do NOT use any phone in your recreational vehicle.
- Clear the recreational vehicle of all occupants.
- Turn off gas supply tank valve(s) or main gas supply.
- From a safe distance from the gas smell, immediately call your gas supplier for instructions.
- If you cannot reach your gas supplier, call the fire department.
- Have a gas system checked and leakage source corrected by a qualified installer, service agency, manufacturer of dealer or the gas supplier.

Follow all instructions before using this appliance to prevent the potential risk of fire, electric shock, personal injury or damage to the appliance as a result of improper usage of the appliance. Use appliance only for it's intended purpose as described in this guide.

If an external electrical source is utilized, the appliance must be electrically grounded in accordance with state or other codes or, in the absence of such codes, with the National Electrical Code (AN51/NFPA70). Do not attempt to adjust, repair, service, or replace any part of your appliance unless it is specifically recommended in this guide. Other services should be referred to a qualified service technician.

Warning and important safety instructions appearing in this guide are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining, or operating the appliance. Always contact the manufacturer about problems or conditions you do not understand.

Safety Instructions

To reduce risk of tipping of the appliance from abnormal usage or by excessive loading of the cooktop.

- Your appliance should be installed by a qualified technician in accordance with state and local laws.
- Never modify or alter the construction of a cooktop by removing leveling legs, panels, anti-tip brackets/ screws, or any other part of the product.

Do NOT store items of interest to children in the cabinets above a cooktop. Children climbing on the cooktop to reach items could be seriously injured.

⚠WARNING

NEVER use this appliance as a space heater to warm a room. Doing so may result in carbon monoxide poisoning and overheating the oven.

Pressure Check

1. Turn LP gas off to the appliance.
2. Remove the Screw with the sealing gasket from the pressure test port on the range. (Fig. 1)

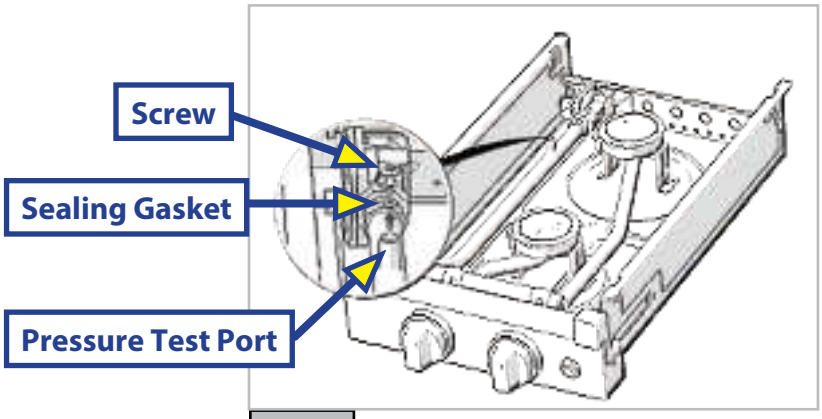


Fig. 1

3. Using the rubber tube from the pressure check measuring device, slide the rubber tube down over the gas pressure test port. The rubber tube should seal around the pressure test port on the range.
4. Turn on the LP gas to the appliance.
5. The pressure gauge tester should measure between 10" WC to 13.8" WC. (Fig. 2)

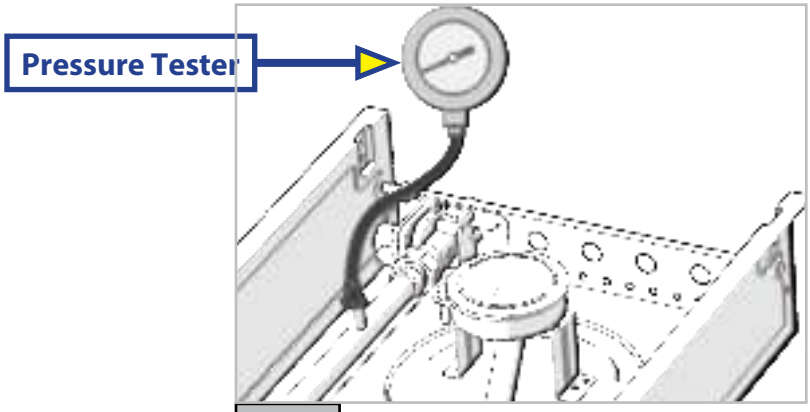


Fig. 2

6. Turn off the LP gas to the appliance.
7. Remove the rubber tube of the pressure check measuring device.
8. Replace the screw with the gasket from step 2. Before replacing the screw, inspect the rubber gasket seal for any signs of damage. Replace seal if damaged.
9. Tighten the screw to 1.3 Nm to 1.7 Nm.

NOTE: Ensure the product is gas leak checked after the pressure check test is completed by also testing the pressure check port screw. If any leaks are detected around the pressure check port screw and gasket, a new one can be purchased. Call Furrion support for a replacement.

Gas Leak Check

Always perform a leak test for possible leaks according to the manufacturer's instructions before any operation. Pressure/Leak test using 11-13.8 WC pressure.

⚠WARNING

Extinguish all open flames. NEVER Leak test when smoking. Do not use the oven until connection has been leak tested and does not leak.

1. Make sure all control knobs are turned to OFF position.
2. Apply a gas leak detection liquid such as soapy water to the connections.
3. Gas leaks will be detected with the presence of bubbles.
4. To stop the leak, tighten the loose joint, or replace the faulty part with a replacement part recommended by dealer.

⚠WARNING

Gas leaks may occur in your system and result in a dangerous situation. Gas leaks may not be detected by smell alone. Gas suppliers recommend you purchase and install a UL approved gas detector. Install and use accordance with the manufacturer's instructions.

Cleaning and Maintenance

During and/or after service/repair work, it may be necessary to clean a soiled area to prevent any damage or discoloring of the cooktop.

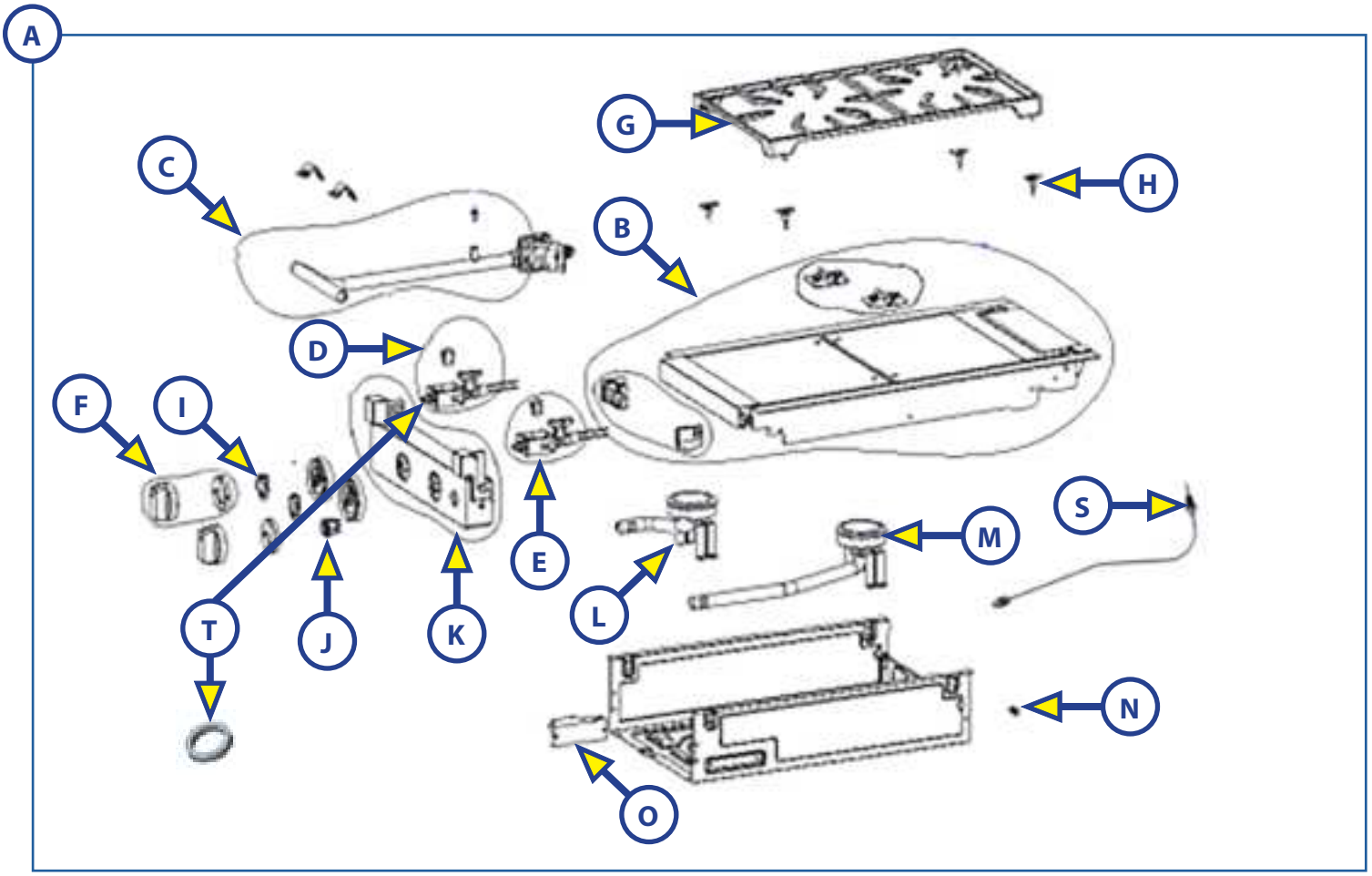
During clean-up:

1. Make sure all control knobs are off and the appliance is cool before cleaning.
2. Make sure all appliance surfaces, burner grates and burners are cool before cleaning or disassembling.
3. When cleaning around the burners, use care to prevent damage to the electrode—if so equipped. If a sponge or cloth should catch the metal igniter electrode, it could damage or break the electrode. If this occurs, the burner will not light.
4. Do **NOT** use bleach or rust removers on the cooktop or burner grates.
5. Never use a wire brush or metallic item for cleaning burner ports or orifices. Brush may “shed” bristles that may lodge in the orifice or burner ports and cause a fire or explosion.
6. Do **NOT** use grit or acid-type cleaners.
7. Do **NOT** use cleaners with ammonia.

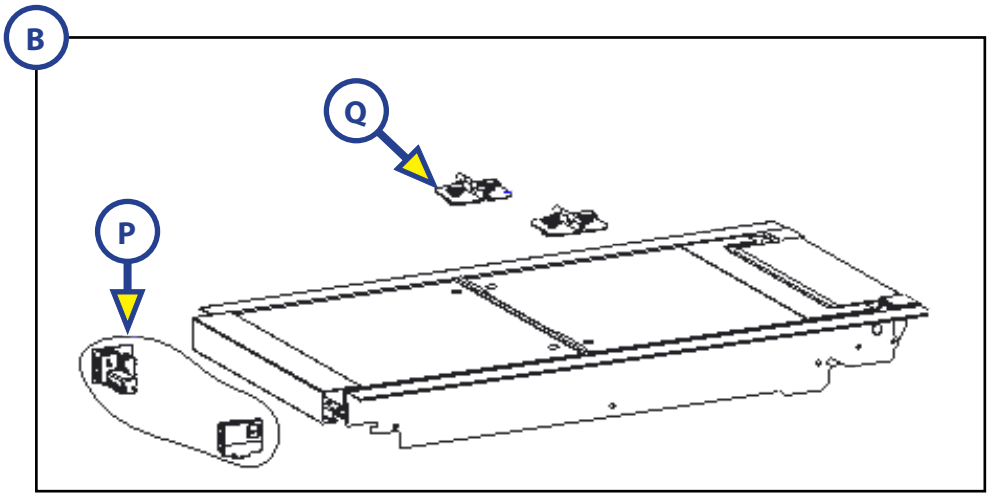
NOTE: Grit, acid-type and ammonia-based cleaners are abrasive and corrosive, which could damage component parts in the cooktop.

8. Use only non-abrasive plastic scrubbing pads.
9. Use warm soapy water only to clean the burner grates, cooktops, painted surfaces, porcelain surfaces, stainless steel surfaces and plastic items on the cooktop or cooktop.
10. Do **NOT** obstruct the flow of combustion and ventilation air.
11. Keep the appliance area clear of combustible materials, gasoline and other flammable vapors and liquids.

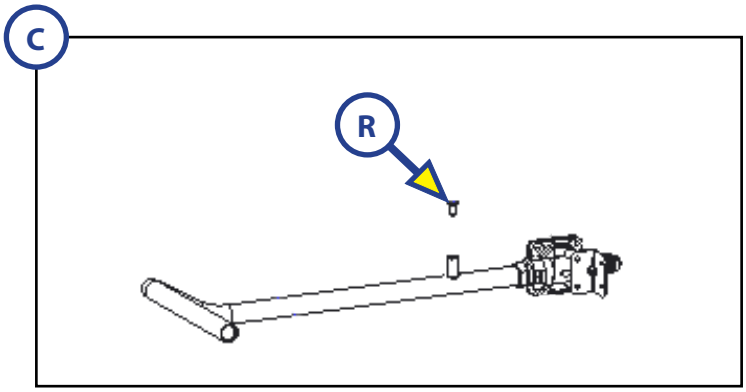
Replaceable Parts List



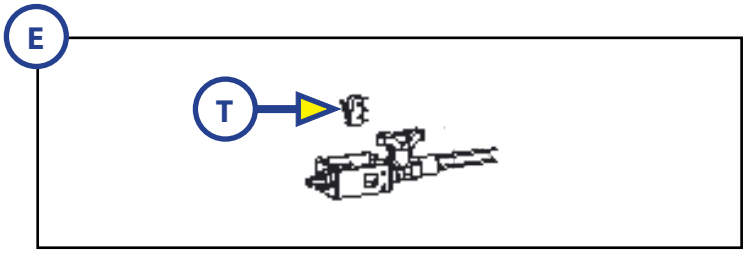
Callout	Part #	Description	Model
Kit-A	2023045680	Greystone® 12" 2-Burner Gas Cooktop with FFD, Bifold Glass and Cast Iron Grates / Black	All
Kit-B	2022127942	Top Tray Module (with Black Painting Side Trim Kit)	
Kit-C	2022127943	Gas Pipe with Regulator Attached	
Kit-D	2022127945	Front Cooktop Control Valve Assembly (orifice 0.82 mm)	
Kit-E	2022127948	Rear Cooktop Control Valve Assembly (orifice 0.76 mm)	
Kit-F	2022127952	Cooktop Burner Knob Assembly (Black)	
G	2022127941	Diecast Grate	
H	2021124303	Cooktop Grate Holding Gasket	
I	2023029044	Red/Blue Knob Led PCB	
J	2021149653	Light Switch (Black)	
K	2022127950	Cooktop Console	
L	2022127956	Front Burner Module (includes Gas Pipe, Burner, Igniter, Bracket)	
M	2022127957	Rear Burner Module (includes Gas Pipe, Burner, Igniter, Bracket)	
N	2022073001	Strain Relief	
O	2022127959	Electric Spark Igniter Module for 2-Burner	
S	2023048880	Flame Failure Device (FFD) with Cable Length 320mm	
T	2024046634	Spacer for Burner Valve Shaft	



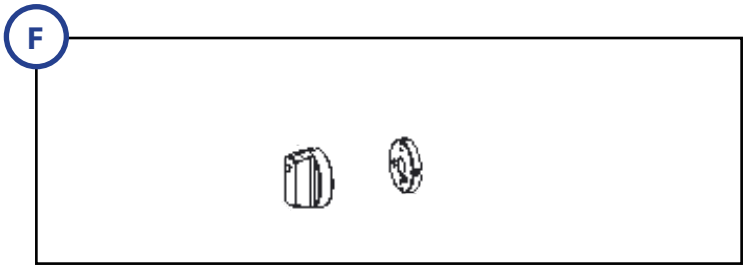
Callout	Part #	Description	Model
Kit-B	2022127942	Top Tray Module (with Black Painting Side Trim Kit)	All
Kit-P	2022072995	Rubber Front Bumpers Kit (Left, Right)	All Models of Kit-B
Q	2021124283	Glass Cover Middle Hinge Module (2 hinges per set)	



Callout	Part #	Description	Model
Kit-C	2022127943	Top Tray Module (with Black Painting Side Trim Kit)	All
R	2021124505	Gas Pressure Inspection Screw (Rubber O-Ring included)	All Models of Kit-C



Callout	Part #	Description	Model
Kit-E	2023048896	Rear Cooktop Control Valve Assembly (orifice 0.76 mm)	All
T	2023048894	Microswitch (with wires attached)	All Models of Kit-E



Callout	Part #	Description	Model
Kit-F	2023048898	Cooktop Burner Knob Assembly (Black)	All Models of Kit-A

Troubleshooting

Problem	Possible Cause/Solution
Surface burners do not ignite	Surface control knob has not been completely turned to 🔥 position. Push in and turn the surface control knob to 🔥 position until burner ignites and then turn control to desired flame size.
	Ensure gas supply valve is open.
	Burner ports or slots are clogged. With the burner off use a small-gauge wire or needle to clean ports or slots.
	Low gas supply level in cylinder.
	Push burner control knob in for at least 5 seconds once burner flame is lit.
Surface burner flame burns half way around	Moisture is present on the burner, dry burner thoroughly.
	Burner ports or slots are clogged. With the burner off clean ports with a small-gauge wire or needle to clean ports or slots.
	Moisture is present after cleaning. Lightly fan the flame and allow burner to operate until flame is full. Dry the burners thoroughly.
Surface burner flame is orange	Dust particles in main line. Allow the burner to operate a few minutes until flame turns blue.
	In coastal areas a slightly orange flame is unavoidable due to salt air.

Specifications

BTU/HR	Front Burner: 8000 BTU
	Rear Burner: 6500 BTU
Fuel/Power	Propane
Inlet Pressure	10" WC Min to 13.8" WC Max
Power input	12V DC <2 Amp

This appliance conforms with the directives: ANSI Z21.57a-(2012) Rec / CAN1-1.16-M79 (R2016)

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